

# SOUTHEASTERN FEDERAL POWER ALLIANCE

## SAD WATER MANAGEMENT OVERVIEW

Trent Ferguson, P.E.  
Water Management  
South Atlantic Division  
December 8, 2020



US Army Corps  
of Engineers®



# SAD CURRENT CONDITIONS



Apalachicola-Chattahoochee-Flint (ACF) - MOBILE DISTRICT	Current Lake Level	Current Guide Curve	Summer Full Pool
Buford Dam/Lake Sidney Lanier	1070.40	1070.00	1071.00
WEST POINT	629.67	629.15	635.00
WF GEORGE	188.46	188.00	188.00
SEMINOLE (Woodruff L&D) RIOP	77.69	Normal Pool	77.00

Savannah River Basin - SAVANNAH District	Current Lake Level	Current Guide Curve	Summer Full Pool
Hartwell	657.27	656.52	660.00
Russell	475.09	475.00	475.00
Thirmond	326.98	326.52	330.00

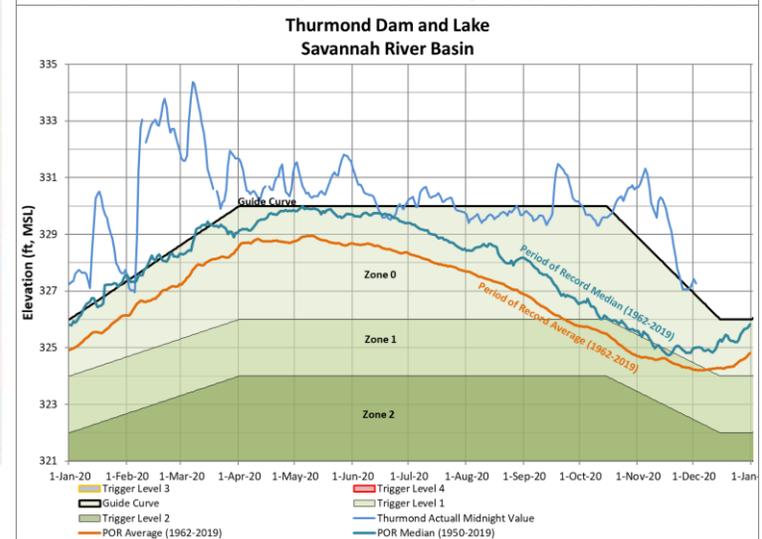
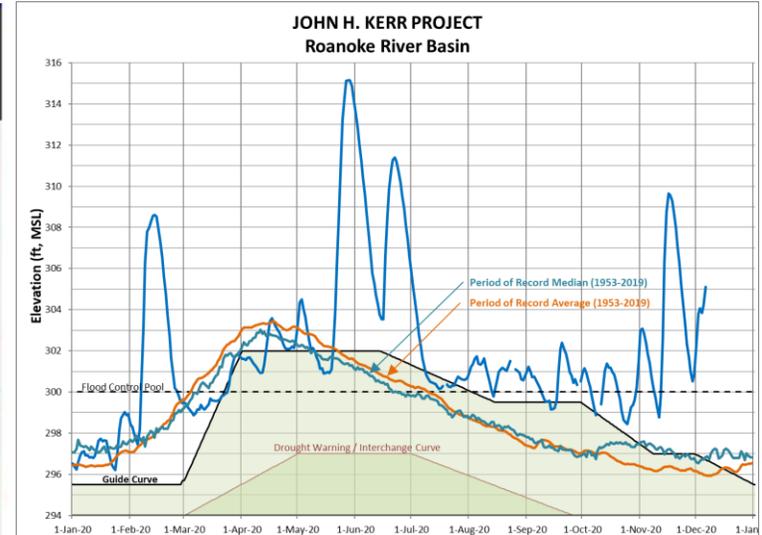
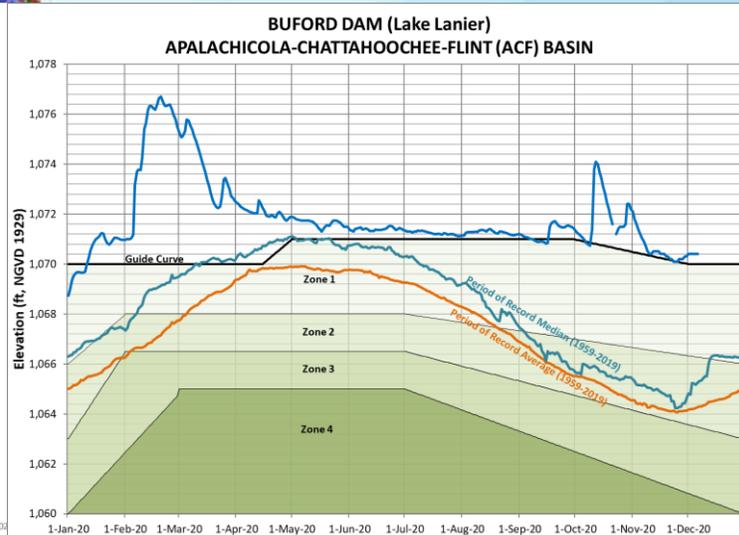
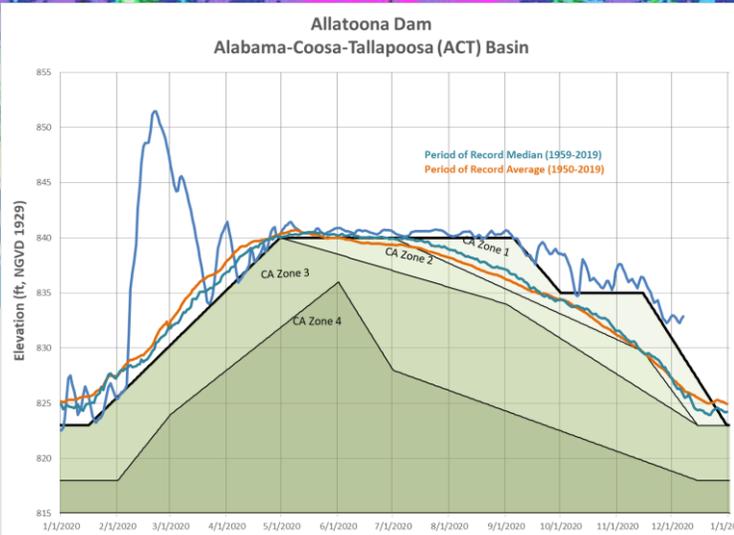
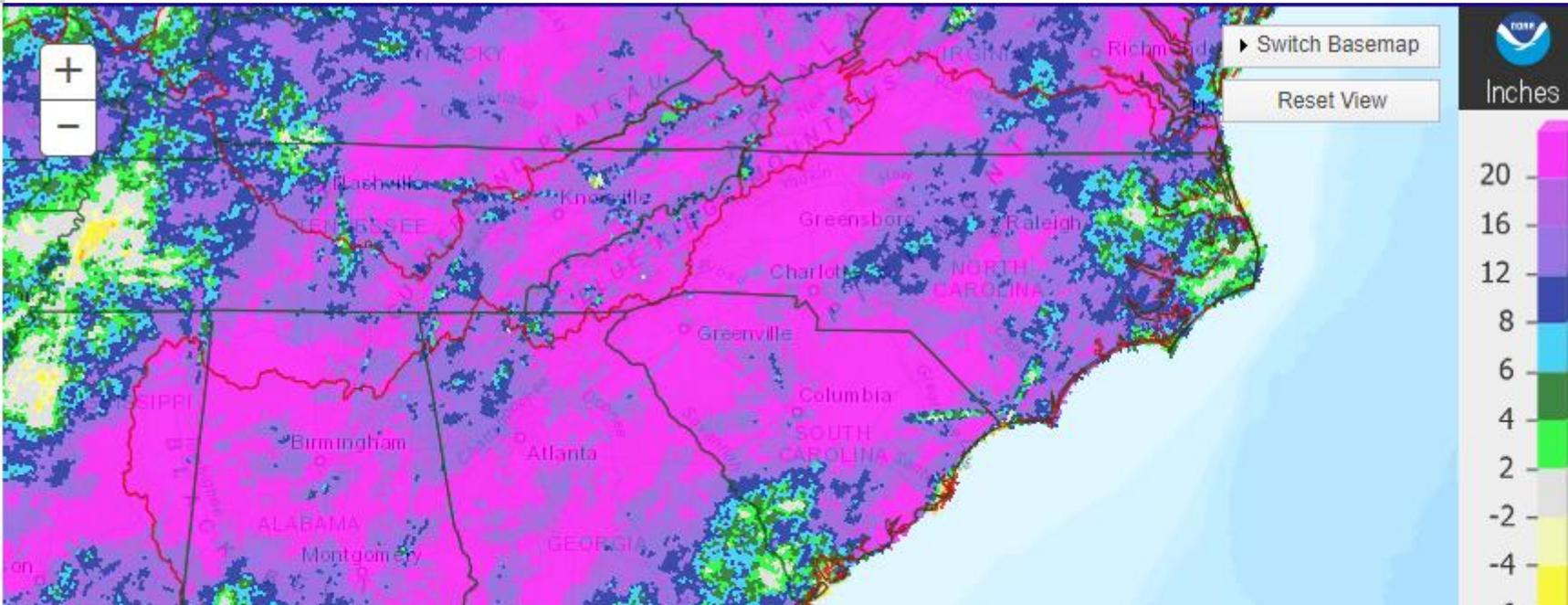
Alabam-Coosa-Tallapoosa (ACT) - MOBILE DISTRICT	Current Lake Level	Current Guide Curve	Summer Full Pool
Carters	1076.40	1072.00	1074.00
Allatoona	832.87	829.64	840.00
R.F. Henry	125.02	Normal Pool	125.00
Millers Ferry	80.13	Normal Pool	80.00

Roanoke River System - WILMINGTON DISTRICT	Current Lake Level	Current Guide Curve	Summer Full Pool
Philpott	972.58	971.50	973.50
John H. Kerr	305.11	296.67	302.00

Water Levels are as of mid-night 6 December 2020

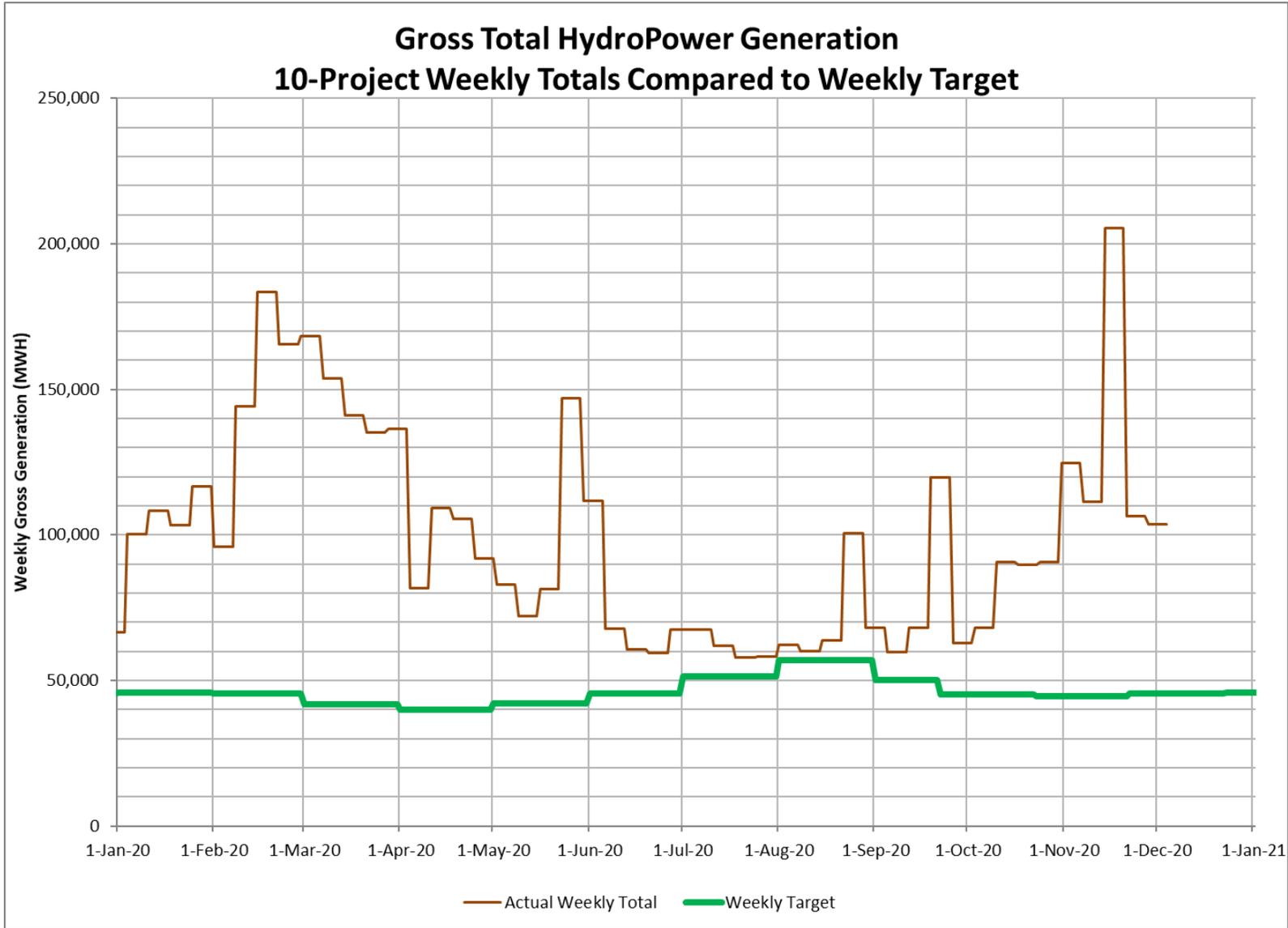


# RAINFALL DEPARTURE FROM NORMAL (LAST 365 DAYS)



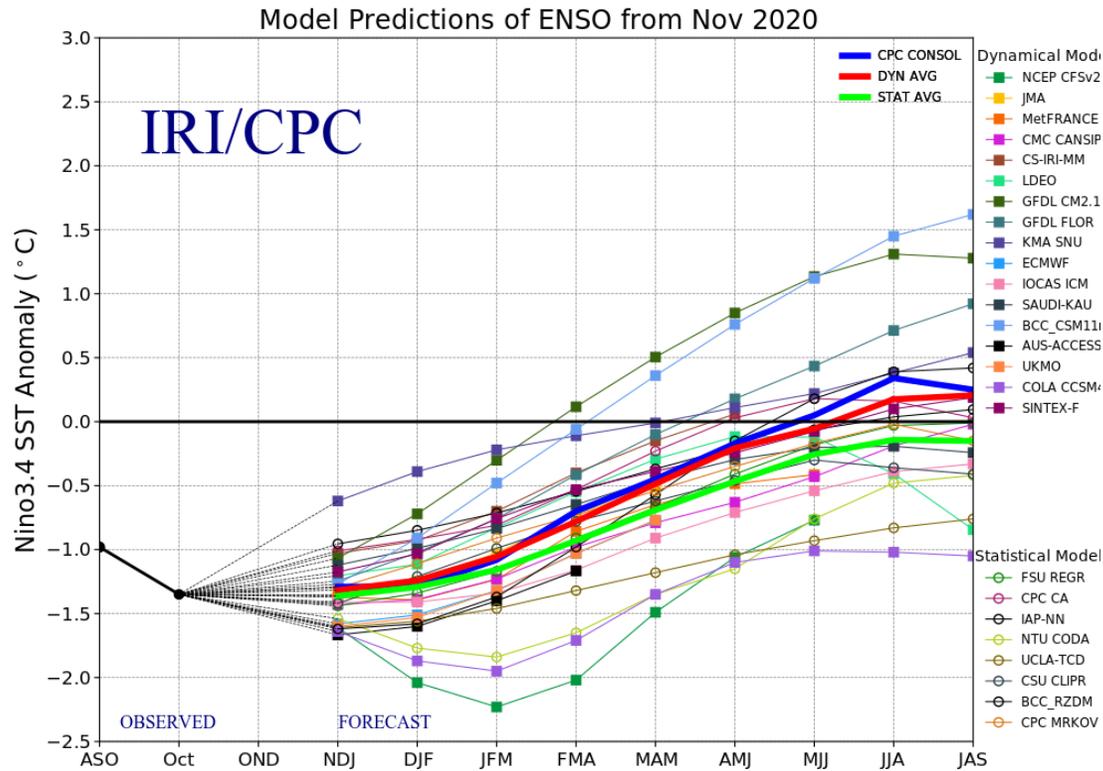


# 10 PROJECT WEEKLY TOTAL GROSS GENERATION

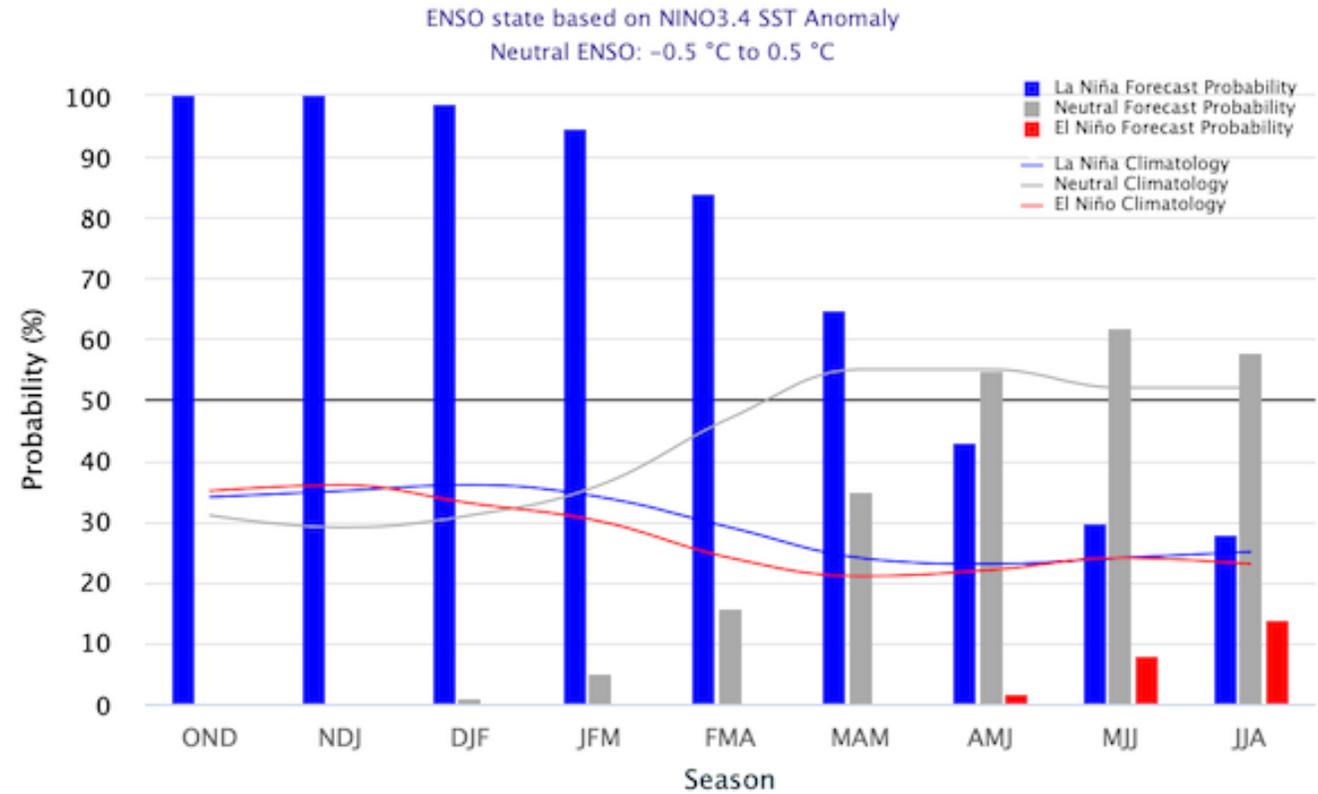




# EL NINO-SOUTHERN OSCILLATION (ENSO)



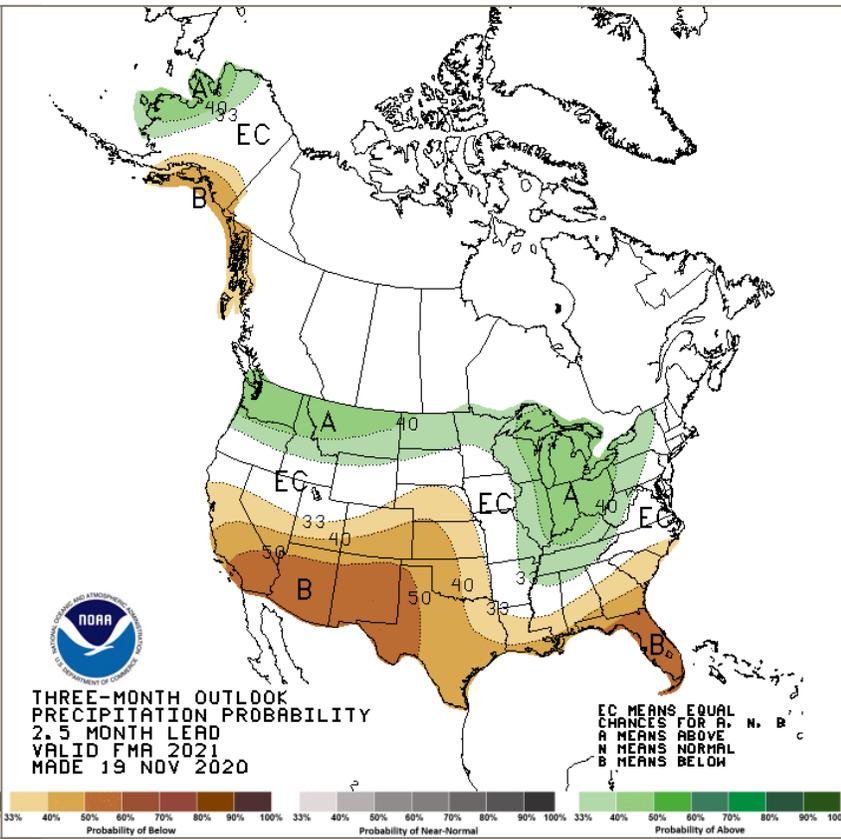
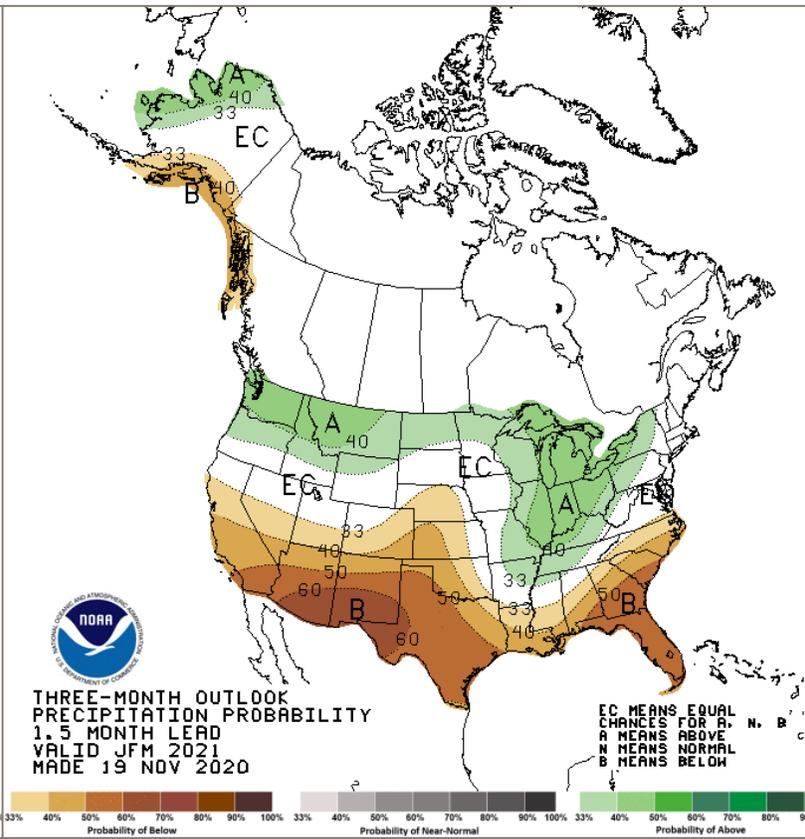
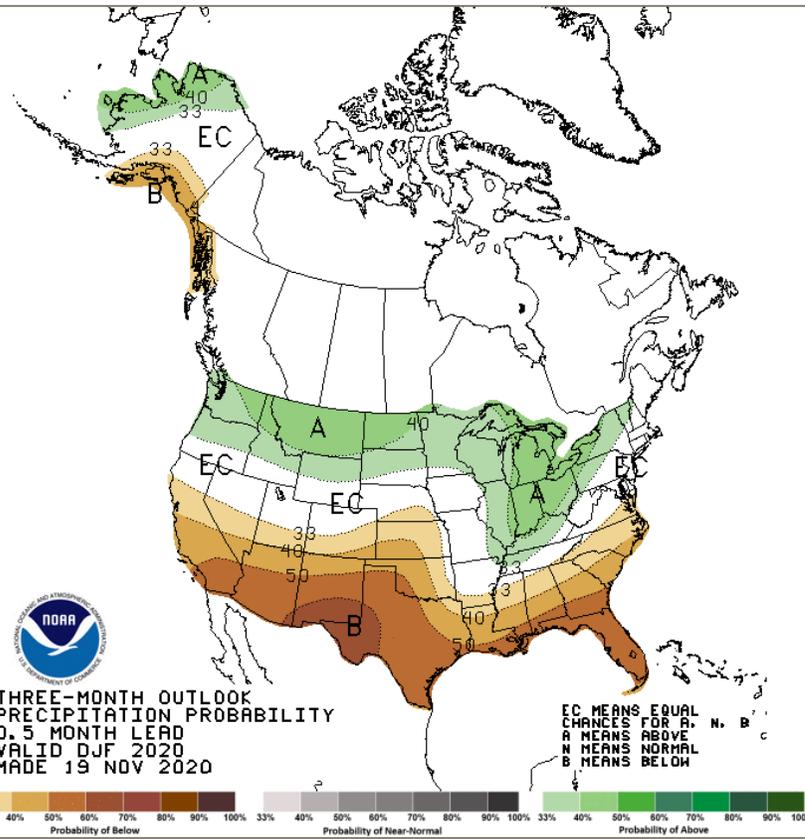
Early-November 2020 CPC/IRI Official Probabilistic ENSO Forecasts



- Currently in a Moderately strong La Niña and expected to stay here through February-March-April



# WHAT DOES LA NINA MEAN TO THE SOUTHEAST



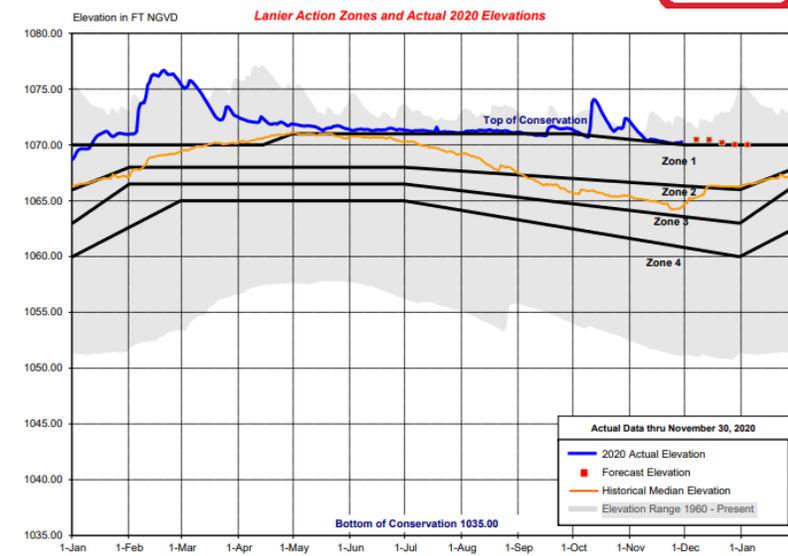
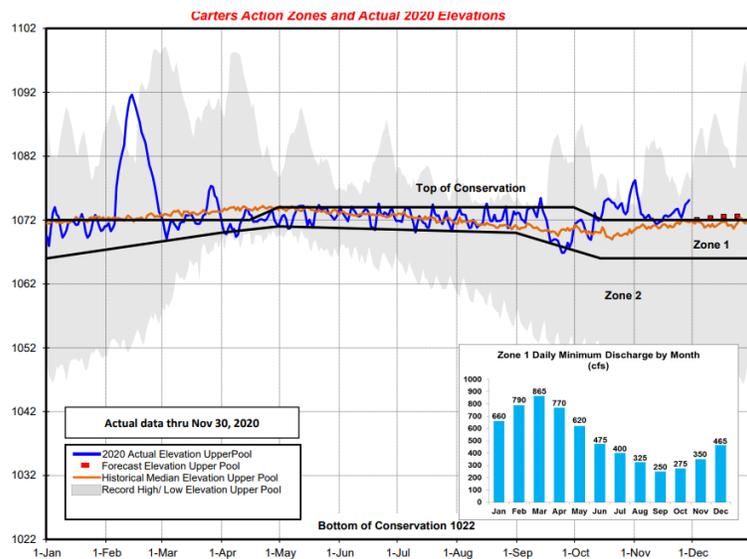
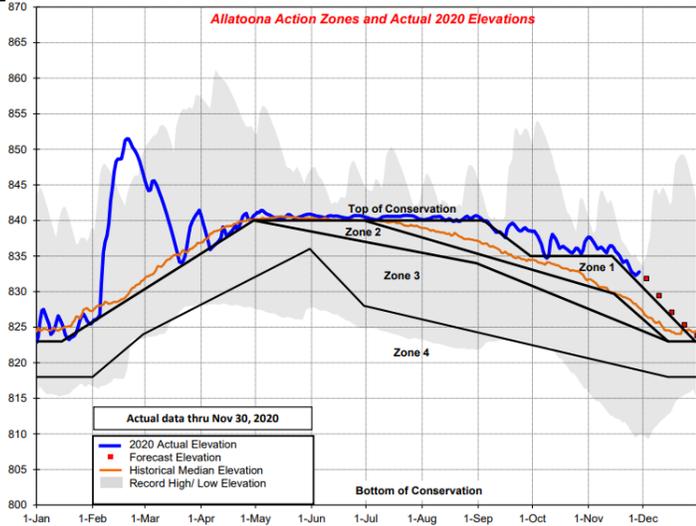
December-January-February

January-February-March

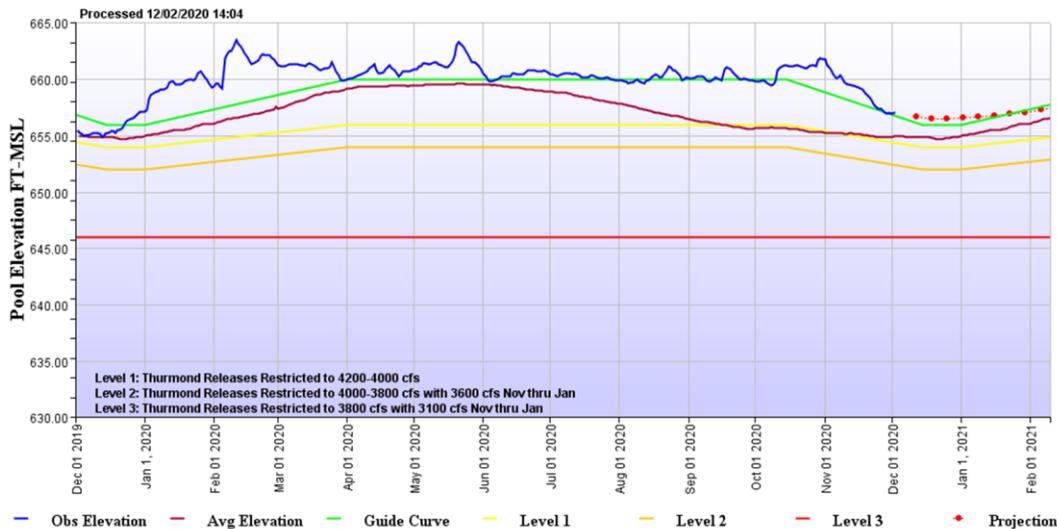
February-March-April



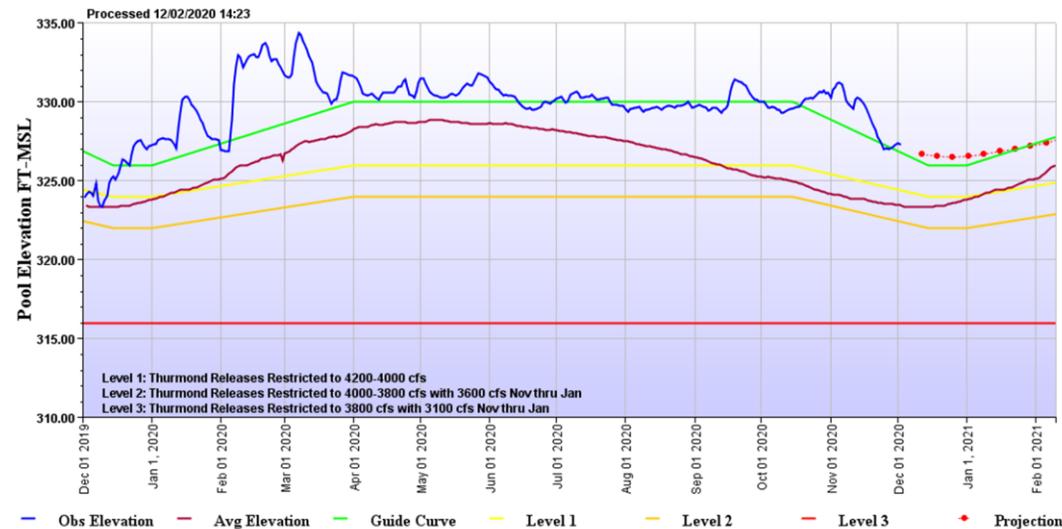
# NEAR TERM LAKE LEVEL PROJECTIONS



**Hartwell Pool Elevation FT-MSL Project**



**Thurmond Pool Elevation FT-MSL Project**

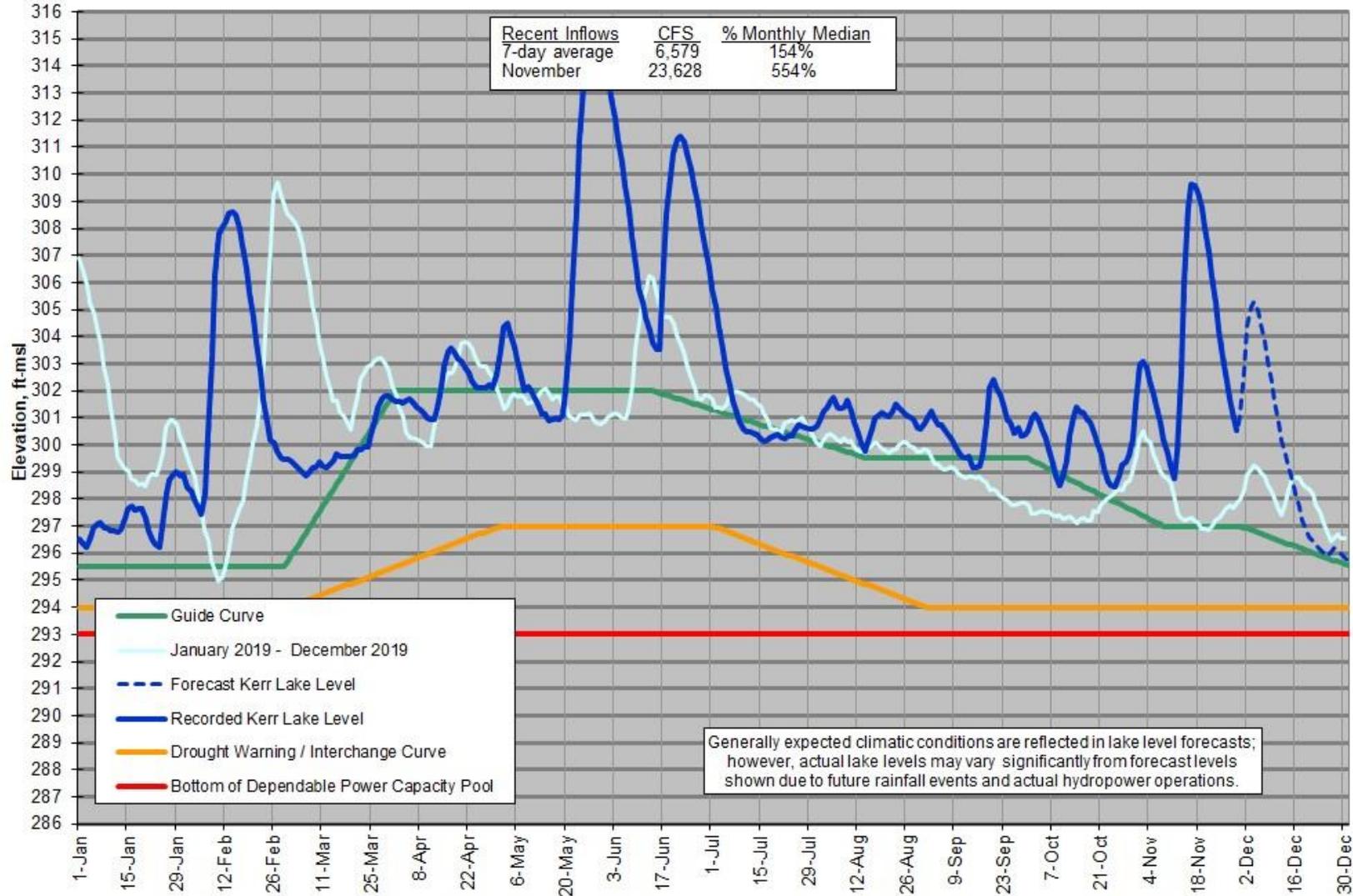




# NEAR TERM LAKE LEVEL PROJECTIONS



### John H Kerr Lake Level Forecast -- 30 November 2020 (Based on 90% of Monthly Median Inflows)





# QUESTIONS

